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52 L1 wt (651) AGCTAGTAAAAGTGATGTGCCATTGATATATGAGCAGTGTATGTAAGT
 52 L1 RTC...GTCC..C..C..A..C..C..C...TC.TC... C.....

52 L1 wt (701) ATCCAGATTATTCGAAATGGCTAGCGAGCCATATGGTGACA GTTTGTTC
 52 L1 R .C.....C..C.....TCT..A.....C.....TCC.....

52 L1 wt (751) TTTTTCTTAGACGTGAGCAAATGTTGTTAGACACTTTTAA TAGGGC
 52 L1 R ..C..CT.G...A.A..A.....C..C.....C..C..C..A..

52 L1 wt (801) CGGTACCTTAGGTGACCCGTGCCAGGTGATTATATACAGGGTCTA
 52 L1 R T.....G.....A..T.....C..G..C..C....T..C.

52 L1 wt (851) ACTCTGGCAATACTGCCACTGTACAAAGCAGTGCTTTTTCTACTCCT
 52 L1 RT..C.....T.....C...TC.TC.....C..C..A.....A

52 L1 wt (901) AGTGGTTCTATGGTAACCTCAGAACATCCAATTATTAATAAA CCGTACTG
 52 L1 R TC.....C.....C.....C.....G..C..C..G..A.....

52 L1 wt (951) GTTACAACGTGCGAGGCCACAATAATGGCATATGTTGGGG CAATCAGT
 52 L1 R ...G...A.A..T..A..T.....C..C..T..C.....T..C..A..

52 L1 wt (1001) TGTTTGTACAGTTGGATACCACTCGTAGCACTAACATGA CTTTATGT
 52 L1 RC.....C..C..C..C..T...A..ATCT.....C..G...

52 L1 wt (1051) GCTGAGGTTAAAAGGAAAGCACATATAAAATGAAAATTT AAGGAATA
 52 L1 RA..C..G.....TC..C..C..G..C..C..C.....

52 L1 wt (1101) CCTTCGTATGGCGAGGAATTGATTACAATTATTTCA ATTGTGCA
 52 L1 R .T.GA.A..C..T..A.....C..C..G.....C..C..C.....T..

52 L1 wt (1151) AAATTACATTAACAGCTGATGTTATGACATACATTATAAGA TGGATGCC
 52 L1 R .G..C..C..G..C.....C..C.....T.....C..C.....C..T

52 L1 wt (1201) ACTATTTAGAGGACTGGCAATTGGCCTTACCCACCACCG TCTGCATC
 52 L1 RC..G..A.....C..TT.G..T.....A..C..T..

52 L1 wt (1251) TTTGGAGGACACATACAGATTGTCACTTCTACTGCTATAAC TTGTCAA
 52 L1 R C.....A.....T.....C.....C.....C..C.....

FIG. 1B